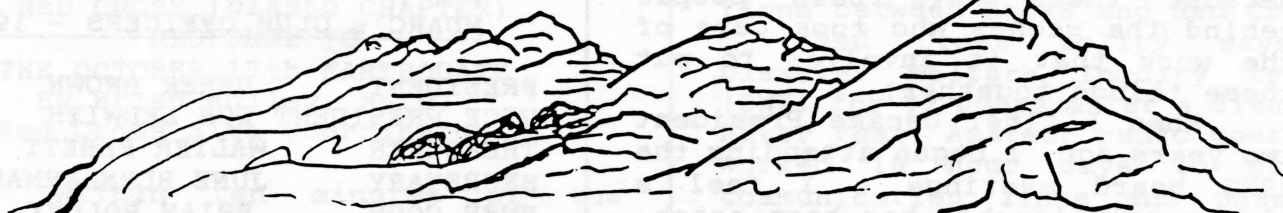


the CARRIER

W6CX



the MOUNT DIABLO AMATEUR RADIO CLUB

VOLUME XXXVII - ISSUE 12 - DECEMBER 1989

HAPPY HOLIDAYS TO ALL

PRESIDENT VICKI'S TWO YEARS IN OFFICE

As I look back on the last two years, I have many fond memories. Memories of the wonderful time spent with old friends and new ones. As a friend once said to me "make new friends but keep the old, some are silver, some are gold". I can't begin to tell you how much I have enjoyed being with all of you, at meetings and working side by side with each of you. When I requested your help at meetings to pitch in and clean up, no one complained, they just got right in and did it! It is the members that give their help to MDARC, that makes this Club such a success.

During the last two years this Club has seen a significant increase in membership, we are up to 329 members and I still hope to see it grow! Our treasury is up, thanks to our membership and, being the conservative President I have been, we will be turning over quite a large sum to the new Board. I am proud of both of these accomplishments.

I have always felt the open-door policy of listening to each of you, whether it was criticism or complaint, helped this Club. I was open to all of your suggestions and tried to the best of my ability to take care of any problems that arose. I listened on the phone many a night to many of our members. I wanted and tried to implement your thoughts and ideas.

When I first took over two years ago, I felt there were cliques and groups that didn't readily take new comers in freely. I asked the Board members to circulate and extend friendship and hospitality. We have done that now two years and I feel it was a great success. The club seems a lot friendlier and is fun to be a part of.

The Club has kept its education program going and is continuing this. Field Day was a real success this year, coming in tenth in our division. Our auctions have been most lucrative and has helped build our treasury. Our Carrier has an excellency I can't remember seeing in a long time. For those of you who joined us in our picnic and Christmas party you know how much fun they were. Our door prizes and donuts are there on meeting night.

All these things have happened because there have been people behind the scenes who took care of the work that it involves to put these things together!

When I first became President two years ago, I began attending the RRRG board meetings. I feel a closer relationship has been established because of this. I have attended every meeting during the past two years and I hope this practice will be continued. The President of MDARC is a voting member of the Board if a member of the RRRG, and this maintains a link between the two groups that should not be broken.

I would like to extend my sincere appreciation to your Board members who have supported my decisions, and helped make things happen. Without a Board that is totally behind you, jobs just wouldn't get done. I want to thank them and let you know I enjoyed two years of service with each of them.

I extend my thanks to some old time Club members who helped me find my way. They provided both information and guidance that without I might have floundered a bit.

A special thanks to my family, my husband Glenn, daughter Rochelle and my Mother Jane who supported my efforts, who understood the time I needed to spend away from them for Club work and never complained! Without them I would never have survived!

I wish Derek Brown our new President and his new Board the best of luck and success. I know you will support him as you did me.

My thanks to all of you for a great two years as President.

I look forward to our Christmas party December 15th. This will be my time to publicly thank each and every one of you who made my last two years as President such a pleasure.

73, Vicki N6KLS

CONGRATULATIONS TO

MDARC's CLUB OFFICERS - 1990

PRESIDENT	DEREK BROWN	N6CUK
VICE PRESIDENT	DON LEDWITH	K7SDF
TREASURER	WALTER EBBETT	KB6QIB
SECRETARY	JUNE BLENDERMAN	N6SWP
EMER.COOR.	BRIAN ROLLEY	N6TDJ
BOARD MEMBER	JAY CALDIS	KT6Y
"	"	DICK BROWN
		KT6X

"YOUR PLACE OR OURS"

By Brad Watson, WA6AEO, Chairman,
Contra Costa Repeater Assn.

Once again this year, your help is needed to provide communication's for this service. Free rides home are provided for those who will celebrate and imbibe too much on New Year's eve and become a threat to other's safety if they drive. The Sheriff's Dept. administers the program, the car dealer's provide the wheels, McDonald's the food, Chevron the gas, and Leshar Communication's the publicity.

You bring yourself, a 2-meter radio and antenna. You are dispatched from the Sheriff's Department where the CCRA net control is located, and you will check-in as often as needed or requested.

It's a very much-needed and appreciated service which runs from 9 p.m. through 3 a.m. It's fun, and you will probably receive some form of recognition from the Sheriff's Office for your participation.

For further information, or to volunteer, please call Brad WA6AEO at 676-8239. Thank you.

PLEASANT HILL AMATEUR RADIO CLUB
HAS MOVED to 147.06/+R for
their WEEKLY CLUB NET.
Wednesday's at 1930 hours.

SEE PAGE 8 FOR DON LEDWITH's OFFER
OF A PURCHASE OF MAGNETIC SIGNS FOR
PUBLIC SERVICE, RACES/ARES, EVENTS.

AMATEUR RADIO HELP IN THE
RED CROSS (DIABLO CHAPTER)
RESPONSE TO
THE OCTOBER 17th EARTHQUAKE
By Brian Rolley, N6TDJ
Red Cross Site Coordinator

Within ten minutes of the earthquake, our first responder arrived on site to begin setting up communications. The antenna tower at Diablo Chapter was damaged, and the transmitter's power supply was damaged by a power surge. Glenn KJ6EN made a fast trip to borrow one from Dwayne W6LKE, which was promptly installed.

For the first 19 hours there was very little traffic. Each Chapter contacted appeared chaotic yet requested no aid. It was Wednesday October 18 at about 1200 hours when we first received calls from Oakland for trained Red Cross personnel and supplies. The magnitude of the quake seemed to have made its impact, and response teams of larger numbers were being assembled. Amateur radio operators handled traffic coordinating medical supplies, nurses, social workers, shelter managers, mass care and mass feeding.

Communication links were non-existent from San Francisco south to Santa Cruz, and were of poor quality with Oakland and Berkeley. We asked for, and received COMVAN45 from Consolidated Fire to improve the links between Red Cross and State OES. The COMVAN proved to be a vital link particularly with State OES, but it was released by the Oakland Red Cross night shift. As a result, there was no contact with State OES but the Diablo Chapter was able to maintain some contact on an intermittent basis. A portion of our traffic was relayed through the RACES group who became our West County alternate link.

Mark N6MIN, was sent to Oakland and then to San Francisco to set-up shelters. He found the Moscone

Center shelter lacking in communications between RACES and Red Cross.

Red Cross policy says no Disaster Welfare Inquiry traffic (DWI) for 72 hours after a disaster. After that, Amateur radio operators worked 16 hour days to provide communication links and pass H&W traffic.

There will be a Chapter critique session on December 13th.

More responders to Diablo Chapter Red Cross are needed.

Thanks to the following responders: AA6NM, N6UPU, N6RFZ, N6CUK, KI6RP, KJ6EN, N6MIN, W6LKE, N6UGD, KT6X and N6UTX(COMVAN).

BOUQUETS FROM THE EDITOR.....

TO: All the CONTRIBUTORS to "the CARRIER" in the past year who kept us up-to-date on what goes on in and outside the Club. Your contributions are WELCOME AND NEEDED.

TO: JANE WALKER, N6NVA, for PROOF-READING THE NEWSLETTER EVERY MONTH (for over two years), finding typographical errors before it goes to the Publications Chairman, and for helpful recommendations and suggestions for the improvement of the newsletter.

TO: Dr. GEORGE JONES, KI6YK, our Publications Chairman, for his promptness in arranging for the monthly publication and mailing of the Newsletter to the 320+ names on his current membership roster and other ARC's on our reciprocal list.For shopping-around to find a printer who will do a good job for a reasonable price.

TO: PRESIDENT VICKI for her policy of 'MEET AND GREET' everyone at all Club meetings, and asking all Club Officers to do the same. She practiced what she requested. I think it raised the 'friendliness level' of the Club and got us many new members.

FALL MDARC HAM RADIO CLASSES ADDED MANY NEW LICENSEES By Larry Gansz, KB2GV

Mount Diablo Amateur Radio Club sponsored classes for Novice, Technician and General were held Tuesday evenings 1900-2100 at College Park High School, Pleasant Hill, September 12 thru November 14. The classes began with 34 Novice students and eight Technician/General students. Fifteen students passed the Novice exam with several moving into the Technician Class. On November 14 Gene, WW6H, lead a team of VE's from the Sunnyvale VEC conducting Novice and Technician exams. Ten of the eleven candidates passed the examination.

The next classes are scheduled for January 16 thru March 20. Classes will include Novice thru Extra. Volunteers are needed for instructors, distribution of pamphlets and posters, packet announcements, publications, etc.

Volunteers are needed to continue the Elmer process. Help past and prospective students with information and assistance regarding equipment, station set-up, operating hints/ideas, questions, and just moral support. COME ON, take someone under your wing !! Continue what the classes started and help build our resources. Without this, many new licensees will never become Hams. Yes, it takes a little time that you will never regret. It's fun and it makes you feel good.

Thanks to all who helped: Scott N6LGB, Brian AA6QG, John WQ6J, Glen KJ6EN, Carlos KJ6ST, Jay KT6Y and John KA6SQN.

S I L E N T K E Y

FORREST R. ARMSTRONG, KA6KSM
Former MDARC member

1909 - 1989

Father of

TED ARMSTRONG, KA6LCL

HOW TO HANDLE PACKET NATIONAL TRAFFIC SYSTEM MESSAGES by Brad Watson, WA6AEO N6VV Sysop

When the Great Quake hit, it quickly became obvious the small group of hams that normally handle the few NTS messages that come in weren't enough to cope with the huge numbers of Health and Welfare messages that are generated after a disaster of any magnitude. So more of us can be familiar with procedures to handle this traffic, this article should get you started in the right direction.

To get a listing of NTS traffic on a MailBox, like N6VV, type LT. The subject of the message should give you an idea where the message is headed. If it's local, and you can handle it, get the message number from the left-most column and use the R # command to read the message. If you decide to deliver it, also use the KT # command to kill that message so it does not get delivered multiple times.

Also, during an emergency, any service message or response messages do not need to be sent in strict NTS format. To send a response, just type ST zipcode @ NTSxx where zipcode is the destination zip and xx is the two-letter state abbreviation of it's destination. The subject of the message should give the destination city and phone number prefix. If phone service is restored, a return message may not even be necessary via amateur radio.

Most messages are sent in regular NTS format, and sometimes you will see ARL numbers. A listing of what these numbers mean can be found in the N6VV BBS help files. For more detailed information about the NTS and it's Packet Radio traffic handling procedures, check the N6VV help files or contact one of the sysops.

MDARC MEMBERSHIP DIRECTORY UPDATE

by George Jones, KI6YK
Membership Chairman

MDARC welcomes the following new members:

GILBERT, Harry C.; N6IT, Extra; 490
N. Civic Dr. #213, Walnut Creek,
CA 94596; (415)-932-8307(h),
(415)-939-4411(w)
KRZEMIEN, Richard A. (Rick); N6NVG,
Technician; 1308 Walden Rd. #25
Walnut Creek, CA 94596
(415)-933-1710(h)
WALKER, Thomas J. (Tom); KB7IWC,
Technician; 355 Sunset Dr.,
Reno, NV 89509; (702)-826-
0979(h), (702)-826-7220(w)
ZIEMBA, Robert E. (Ziggy); WA2DVD,
Technician; 208 Maui Ct., San
Ramon, CA 94583; (415)-866-2987

Congratulations to the following on
their upgrades:

GRCEVICH, Mike: Advanced
RHODES, K.S. (Dusty): Advanced
YOUNG, Don: Extra

Please note the following changes:

DOUGHTY, Don: new address is 42-605
Byron Place, Bermuda Dunes, CA
92201
ROSE, John: new address is 1324
Running Springs Rd. #3, Walnut
Creek, CA 94595
TIDD, Bob: new home phone number is
(415)-932-5015

1990 MDARC MEMBERSHIP RENEWALS

By now you should have received your
MDARC Membership renewal notice. If
you did not, be sure to let George
Jones, KI6YK, know right away at
837-9316. And please return it with
your check as soon as you can before
it gets forgotten, lost, strayed or
stollen.

CLUB MEETING VISITORS

We were pleased to welcome the
following to the November general
club meeting:

Bret BERGER, KB7EGU; 769 Center Ave.
Martinez, CA 94553
Mary DARROW; 3451 Laurel Ave.,
Oakland, CA 94602
Ken DESLOOVER, N8KHS; 2822 Bell-
flower Dr., Antioch, CA 94509
778-9278
Phil NESTY, W9HDR; 1343 New Hamp-
shire Dr., Concord, CA 94521
672-2132
Travis SELK, KC6GJZ; 5333 Parkhigh-
lands #39, Concord, CA 94520
Wayne SHANNON; P.O. Box 232, Orinda,
CA 94563; 778-5362
Dovie SLAPE; 1829 Noemi Dr., Concord
CA 94519 (XYL of W6QEN)

MDARC's AWARDS CHAIRPERSON

The Awards Chairperson must be
alert to what-goes-on in the Club
all during the year regarding events
etc., so individual members can be
recognized at the annual Awards
dinner (the Christmas Party) for
their participation and services to
the Club during the year.

Jane Walker, N6NVA, has been
the Awards Chairperson for 2 years
and spends many hours shopping for
suitable awards.

Jane says, "it isn't always
easy to find an award that is equal
to the event or service given by a
Club member".

She asked Club members, in
September, to fill-out a printed
questionnaire that asked who was
deserving of recognitions and why,
so.....**BE SURE TO ATTEND THE
CHRISTMAS PARTY, THERE MAY BE AN
AWARD WITH YOUR NAME ON IT !!**

Jane's greatest worry is that
she may have overlooked someone. !

MDARC CLUB MEETING MINUTES
17 NOVEMBER 1989

Pres. Vicki N6KLS called the meeting to order, guests and up grades were introduced.

Minutes were accepted as published in the last Carrier.

Club Treasury has \$6275.89

When renewing ARRL subscriptions, please do it through MDARC, as the Club makes money, also the Treasurer sells Club name badges.

We have 327 members with two more for next year, new year will be 329. The renewals will be in the December Carrier.

Larry Gansz thanks all the education teachers, if you can be a teacher for Jan. to Mar. for the new classes call Larry right away.

The Grand Prize for the raffle was a 1990 U.S. Call Book, your Carrier Editor Stan WU6P won it.

Lauren WA6CIE gave a Field Day report, MDARC was in class 58, 10th out of 54, 108th in the country.

A motion was made, seconded, and passed that the Club reimburse Stan WU6P \$150. for partial payment of his printer repair, which is always used for the Carrier.

The MDARC Xmas Party is 15 December 1989.

Paul Girard SWL made a motion the Club pay the other half of Stan WU6P cost of printer repair, all the members agreed.

Don Ledwith is ordering magnetic communication car signs, the kit cost \$27, contact him 372-7296.

Larry Gansz spoke on ordering cloth club badges, cost \$3.50

Stan WU6P Carrier Editor has been asked to upload ARRL related Club articles to them by modem. He was asked because the Carrier has good stuff in it.

The election results are:

President	Derek Brown	N6CUK
Vice Pres.	Don Ledwith	K7SDF
Treasurer	Walt Ebbett	KB6QIB
Secretary	June Blenderman	N6SWP

Emer. Coord. Brian Rolley N6TDJ
Board Member Dick Brown KT6X

Robert Uhrhhammer VB6VEX spoke on earth quakes, an enlightening presentation, and most interesting.

A Merry Xmas to all.

Respectfully submitted,

Jane Walker, N6NVA

MDARC Secretary

MDARC BOARD MEETING MINUTES
November 21, 1989

Board Members Present:

President	Vicki Zumwalt	N6KLS
Treasurer	Dick Schulze	AA6DL
E.C.	Derek Brown	N6CUK
Brd. Member	Jay Caldis	KT6Y
Brd. Member	Paul Jones	N6PAC

Board Members Absent:

Vice Pres.	Dick Brown	KT6X
Secretary	Jane Walker	N6NVA

Also present:

Carrier Ed.	S. Christian	WU6P
Club member	Glenn Zumwalt	KJ6EN

The meeting was called to order by President Vicki.

The minutes of the previous Board meeting as published in the November Carrier were approved.

E.C. Derek Brown N6CUK reported on the Red Cross group, and C.B. and 4-wheeler cooperation problems.

Pres. Vicki requested Treasurer Dick Schulze to prepare an annual Treasurer's Report, and the Audit Committee to submit their certifications of the Club's accounts for the new 1990 Club Treasurer by year-end.

Pres. Vicki stated that Awards and door prizes have been purchased, and plans for the Xmas party are on schedule (per N6NVA)

Respectfully submitted by,
S. Christian, Secty pro tempore

S I L E N T K E Y

WILLIAM W. VAN VOORHIS, WA6ZPZ

FORMER EMERGENCY COORDINATOR

EAST COUNTY

**MINUTES
ROCKY RIDGE REPEATER GROUP
NOVEMBER 15, 1989**

The regular meeting of the Rocky Ridge Repeater Group was called to order by Chairman Rick Barker (WB6EZI). Group Treasurer Norma Davis (N6EJZ) reported that the treasury balance was \$1,993.09 and all bills were paid. Technical Chairman Keith Lattin (N6PMF) reported that all repeaters were functioning at optimum performance levels and that a pre-winter check of antennas and feedlines would be made soon. The 220 isolator arrived and has been installed.

W6CX-1, our PACKET digipeater, will be moving to Mt. Vaca shortly. A serious backlog of H&W messages on N6VV during the post-quake period showed a serious need to have more ports available to take messages off the system. It will be operational

on 145.79 and will link into the RACES bulletin board at County OES.

The Pleasant Hill A.R.C. requested permission to use 147.06 for its net at 7:30 p.m. on Wednesday evenings. MMSP to allow the use. Dues were established for the coming year and will remain unchanged. Election of officers for the coming year were held. Elected were Rick Barber (Chairman), Norma Davis (Treas.), Keith Lattin (Tech. Chairman), Don Ledwith (Secretary). Mike Scott (N6GOZ) and Dwayne McGlothlin (N6SPX) were elected as Members-at-Large.

A video on the operation of PACKET radio was shown.

Rick noted that operating codes for the repeaters will change next year and that membership renewals will be sent out in December.

Information on joining the Group and an application for membership is printed below.

**ROCKY RIDGE REPEATER GROUP
Membership Application**

Join the RRRG and support your repeater. Get a sponsor (someone who has been a member of RRRG for at least a year), bring a copy of your license, your checkbook (\$10.00 Initiation Fee + \$25.00 Annual Dues), and join us at the January meeting at 8:00 p.m. on January 17th at Willow Creek Center, 1026 Mohr Ln., Concord.

_____		_____	
Call		License Class	
_____		_____	
Last Name	First	Nickname	
_____		_____	
Street Address		City	Zip
_____		_____	
Home Phone		Work Phone	
_____		_____	
RACES Member		MDARC Member since	
Yes No		_____	

MAGNETIC AMATEUR RADIO SIGNS

By Don Ledwith, K7SDF
(Vice President-Elect)

These are excellent for recognition in public services events or RACES/ARES work. There are several signs in the series. All of them read 'Amateur Radio Communications'.

1. An 8"x19" magnetic sign for vehicle doors. Print is black and orange on a white background. Has Amateur Radio Emergency Service Logo. Price \$9.00

2. A 3"x17" magnetic sign for rear of vehicles. Print is black on orange reflective 3M Scotchlite. Has 2 ARES logos. Price \$6.50

3. An 8"x12" hi-impact styrene plastic placard. Will fit sun visor or dashboard/windshield. Price \$1.60

4. A 3"x12" bumper strip. Vinyl pressure sensitive adhesive, removable. Price \$.60

If you want to order any of the items singly, I will coordinate your order but you may not get a volume discount.

The package purchase I am coordinating is a kit consisting of 2 magnetic door signs and one each of the other items in a rigid storage folder. If purchased separately the cost is \$26.70 plus tax plus \$5 shipping and handling. By using a group purchase I hope to order enough to qualify for 10% to 15% quantity discount and spread the \$5 per order shipping and handling among all the purchasers.

Your advantage in participating is a saving of up to \$7.00 or more and you must pick up your order. You may pickup from my home also.

If you are interested, send a SASE for brochure and order form.

If you want more information, please call me.

Don Ledwith, K7SDF
4879 Starflower Dr
Martinez, CA 94553
phone: 415-372-7296

THE MT.DIABLO AMATEUR RADIO CLUB
meets monthly, 3rd Friday, 8PM
Grace Presbyterian Church
2100 Tice Valley Boulevard
Walnut Creek

Next Meeting - Christmas Party

Christmas Party Reservations
Closed December 1

CLUB OFFICERS

PRESIDENT		
VICKI ZUMWALT	N6KLS	458-4527
VICE PRESIDENT		
DICK BROWN	KT6X	676-9048
SECRETARY		
JANE WALKER	N6NVA	458-3164
TREASURER		
DICK SCHULZE	AA6DL	935-5000
EMERGENCY COORDINATOR		
DEREK BROWN	N6CUK	672-2055
BOARD MEMBERS		
JAY CALDIS	KT6Y	939-1803
PAUL JONES	N6PAC	687-1265

CLUB REPEATERS

147.06/+	223.74/-	441.325/+
(100Hz)	(77 Hz)	(100 Hz)

CLUB NETS

Rocky Ridge Repeater Group
Thursdays - 1930 hours - 147.06/+R
Jay Caldis KT6Y Net Control

Amateur Television Net
2000 hours (follows RRRG net)
Mike Scott N6GOZ Net Control
Don Smith W6NKF Alternate

"the CARRIER" NEWSLETTER EDITOR

STAN CHRISTIAN WU6P
5450 CONCORD BLVD. #C4
CONCORD, CA 94521
(415) 672-0330

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- (2) to N6VV BBS-144.99 MHz

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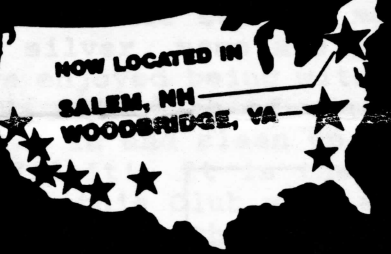


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Jim Rafferty N8RJ
VP-National
Sales Manager

<p>BURLINGAME, CA 94010 999 Howard Ave., (415) 342-5757 George, Mgr. W8GDSV 5 miles south on 101 from SFO</p> <p>OAKLAND, CA 94606 2210 Livingston St., (415) 534-5757 Rich. Mgr. W8WYB IS-880 at 23rd Ave. Ramp</p>	<p>ANAHEIM, CA (714) 763-3033, (213) 880-2040</p> <p>ATLANTA, GA (404) 263-0700</p> <p>PHOENIX, AZ (602) 242-3515</p> <p>SALEM, NH 1-800-444-0047</p>	<p>SAN DIEGO, CA (619) 560-4800</p> <p>WOODBRIDGE, VA 1-800-444-4799</p> <p>VAN NUYS, CA (818) 988-2212</p>
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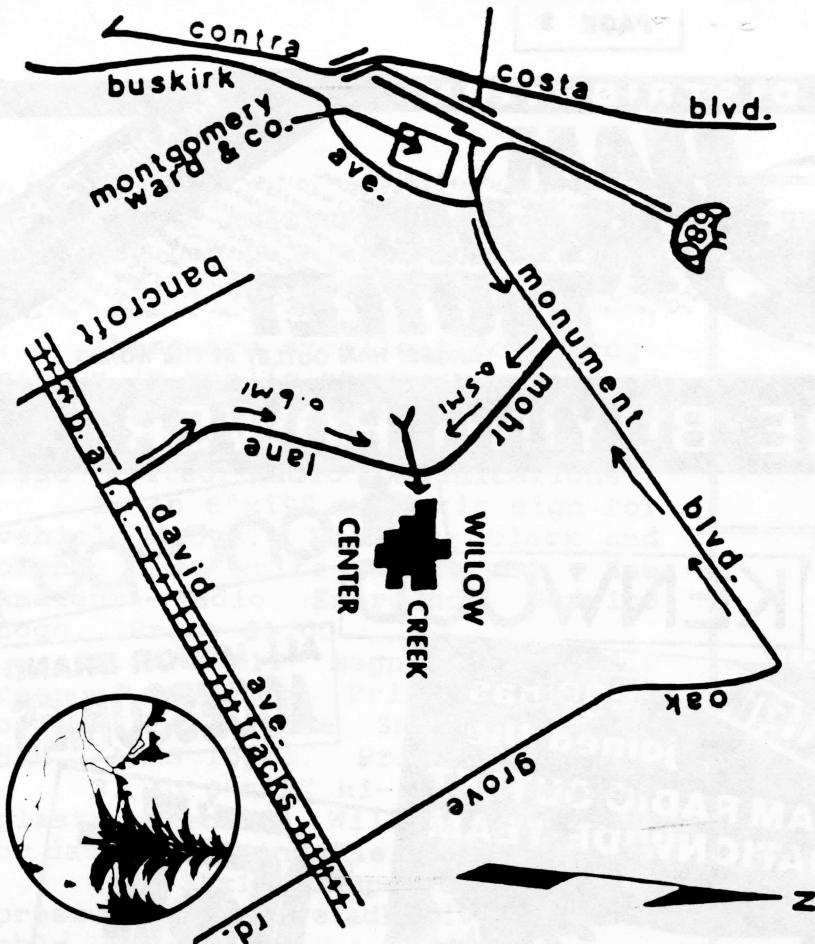
Toll free including Hawaii. Phone Hrs. 7:00 am to 5:30 p.m. Pacific Time. California, Arizona and Georgia customers call or visit nearest store. California, Arizona, Georgia and Virginia residents please add sales tax. Prices, specifications, descriptions subject to change without notice.

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BENCHER	WELZ	METERS
BUTTERNUT	YAESU	SPEAKERS

1839 EAST STREET (across from Sailer's)
CONCORD, CA 94520 (415) 685-7388



"The CARRIER"
A Newsletter from the
MOUNT DIABLO AMATEUR RADIO CLUB
P.O. Box 23222
Pleasant Hill, California 94523



LOCATION OF
CHRISTMAS PARTY
ON BACK PAGE



FIRST CLASS MAIL

